TABLE 38 TO SUBPART UUU OF PART 63—INITIAL COMPLIANCE WITH WORK PRACTICE STANDARDS FOR HAP EMISSIONS FROM BYPASS LINES

As stated in §63.1569(b)(2), you shall meet each requirement in the following table that applies to you.

| Option . . . | For this work practice standard . . . | You have demonstrated initial compliance if . . . |
|---|---|---|
| 1. Each new or existing bypass line associated with a catalytic cracking unit, catalytic reforming unit, or sulfur recovery unit. | a. Option 1: Install and operate a device (including a flow indicator, level recorder, or electronic valve position monitor) to demonstrate, either continuously or at least every hour, whether flow is present in bypass line. Install the device at or as near as practical to the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. | The installed equipment operates properly during each run of the performance test and no flow is present in the line during the test. |
| | b. Option 2: Install a car-seal or lock-and-key device placed on the mechanism by which the bypass device flow position is controlled (e.g., valve handle, damper level) when the bypass device is in the closed position such that the bypass line valve cannot be opened without breaking the seal or removing the device. | As part of the notification of compliance status, you certify that you installed the equipment, the equipment was operational by your compliance date, and you identify what equipment was installed. |
| | c. Option 3: Seal the bypass line by installing a solid blind between piping flanges. | See item 1.b of this table. |
| | d. Option 4: Vent the bypass line to a control device that meets the appropriate requirements in this subpart. | See item 1.b of this table. |

[70 FR 6965, Feb. 9, 2005]

TABLE 39 TO SUBPART UUU OF PART 63—CONTINUOUS COMPLIANCE WITH WORK PRACTICE STANDARDS FOR HAP EMISSIONS FROM BYPASS LINES

As stated in §63.1569(c)(1), you shall meet each requirement in the following table that applies to you.

| If you elect this standard . . . | You shall demonstrate continuous compliance by . . . |
|---|---|
| 1. Option 1: Flow indicator, level recorder, or electronic valve position monitor. | Monitoring and recording on a continuous basis or at least every hour whether flow is present in the bypass line; visually inspecting the device at least once every hour if the device is not equipped with a recording system that provides a continuous record; and recording whether the device is operating properly and whether flow is present in the bypass line. |
| 2. Option 2: Car-seal or lock-and-key device | Visually inspecting the seal or closure mechanism at least once every month; and recording whether the bypass line valve is maintained in the closed position and whether flow is present in the line. |
| 3. Option 3: Solid blind flange | Visually inspecting the blind at least once a month; and recording whether the blind is maintained in the correct position such that the vent stream cannot be diverted through the bypass line. |
| 4. Option 4: Vent to control device | Monitoring the control device according to appropriate subpart requirements. |
| 5. Option 1, 2, 3, or 4 | Recording and reporting the time and duration of any bypass. |

[67 FR 17773, Apr. 11, 2002, as amended at 70 FR 6942 and 6965, Feb. 9, 2005]

TABLE 40 TO SUBPART UUU OF PART 63—REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE OF CONTINUOUS OPACITY MONITORING SYSTEMS AND CONTINUOUS EMISSION MONITORING SYSTEMS

As stated in §63.1572(a)(1) and (b)(1), you shall meet each requirement in the following table that applies to you.

| This type of continuous opacity or emission monitoring system . . . | Must meet these requirements . . . |
|---|---|
| 1. Continuous opacity monitoring system | Performance specification 1 (40 CFR part 60, appendix B). |